

Title (en)

EXPANDABLE MATERIAL WITH IMPROVED THERMAL INSULATION PROPERTIES AND USE THEREOF

Title (de)

EXPANDIERBARES MATERIAL MIT VERBESSERTEN WÄRMEDÄMMEIGENSCHAFTEN UND VERWENDUNG DAVON

Title (fr)

MATÉRIAU EXPANSIBLE AYANT DES PROPRIÉTÉS D'ISOLATION THERMIQUE AMÉLIORÉES ET SON UTILISATION

Publication

EP 4244282 A1 20230920 (EN)

Application

EP 21801951 A 20211108

Priority

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- EP 2021080885 W 20211108

Abstract (en)

[origin: EP4001352A1] The invention is directed to a thermally expandable composition comprising at least one polymer P, at least one chemical blowing agent CBA, at least one physical blowing agent PBA composed of expandable microspheres, and at least one filler F. The invention is also related to a damping element comprising a first layer (2) composed of an expansion material and a second layer (3) composed of an acoustic damping material. The damping element is suitable for providing vibration and/or noise damped systems.

IPC 8 full level

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C-Set (source: EP)

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DOCDB simple family (application)

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